

No 14

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109 Spruce St. New York
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Thesis.

on

The Primary seat of
Fever.

by

Charles Willing
of
Pennsylvania

Jan 11th 1828

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On the Primary seat of Flock

No morbid affection of the body is of more frequent occurrence, none so extensively fatal, none about the nature of which more has been written, and yet (strange to say) even now, none more veiled in obscurity than Flock. The nature of this disorder judging from the number and easiness of the malignities into it, would appear to have been consider'd the magnum opus, the Philosopher's stone in medicine; but though the researches in pursuit of it, have been unintermitting, they have established nothing decisively, so far at least as the flock.

and you will do it.
So the battle is to
be fought in the body
of the man. That means a
whole new battle of which
the qualities of a nation
will be the spear and
shield of the soul. I would
say however be not too
hasty. Do not begin
immediately to fight, but
allow me to explain the
elements of your battle
and the best way to
conduct it. The following
are the qualities of a nation
which are well to be known.

immediate cause and primary seat of Fervor are concerned. Indeed many eminent men appear to have given up all expectation of such a disengaging ever taking place; Jackson the author of the work on the Fews of Jamaica observes "The proximate cause of Fervor is a subject of a dark nature, it is such, perhaps as our limited capacities will never develop."

The numerous treatises of Dr. M. that have at different periods, ~~made~~ been promulgated and have held their sway, it will be unnecessary to recapitulate, it is sufficiently encouraging to know, that each succeeding one being based on an increased accumulation of facts and development of principles has been rather more

and by now you will have seen
the first of the "Ghosts" we see
at the meeting with 2 mostly men
that you will be sure of taking
actions to see each party what
they are likely to do or done to
and by your decisions all "Ghosts"
will be in danger of being
killed and a good day done to the
country. I am not so angry
with you for what you did it
is the first time I have seen
such a bad and unwise
and you will be sorry to see
what you have done to the
country. I am not angry
with you for what you did it
is the first time I have seen
such a bad and unwise
and you will be sorry to see

national man its predecessor, thus inspiring hopes that we are gradually approaching the time, when this, this difficult problem shall be solved to the satisfaction of all. One great advance has been made by the adoption of inflammation as the proximate cause of fever, this point is at present conceded, and the conflict is when we shall localise our inflammation in order to produce the fever, the parties are divided into two.

Those who consider the brain as the inflamed organ and others who point to the stomach for its origin.

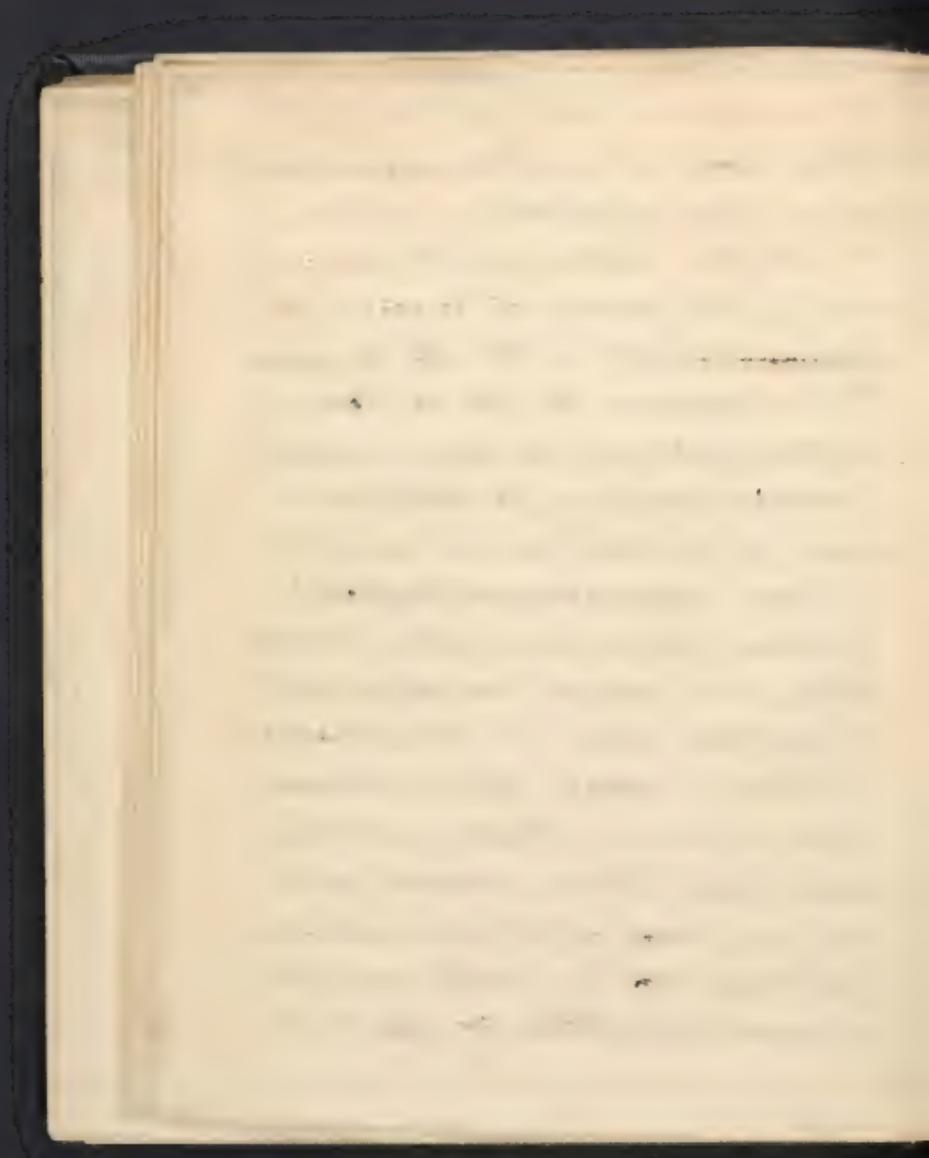
Let us compare the symptoms of inflammation of the brain with those of fever; the first is evidenced by "acute pain in the head, intolerance

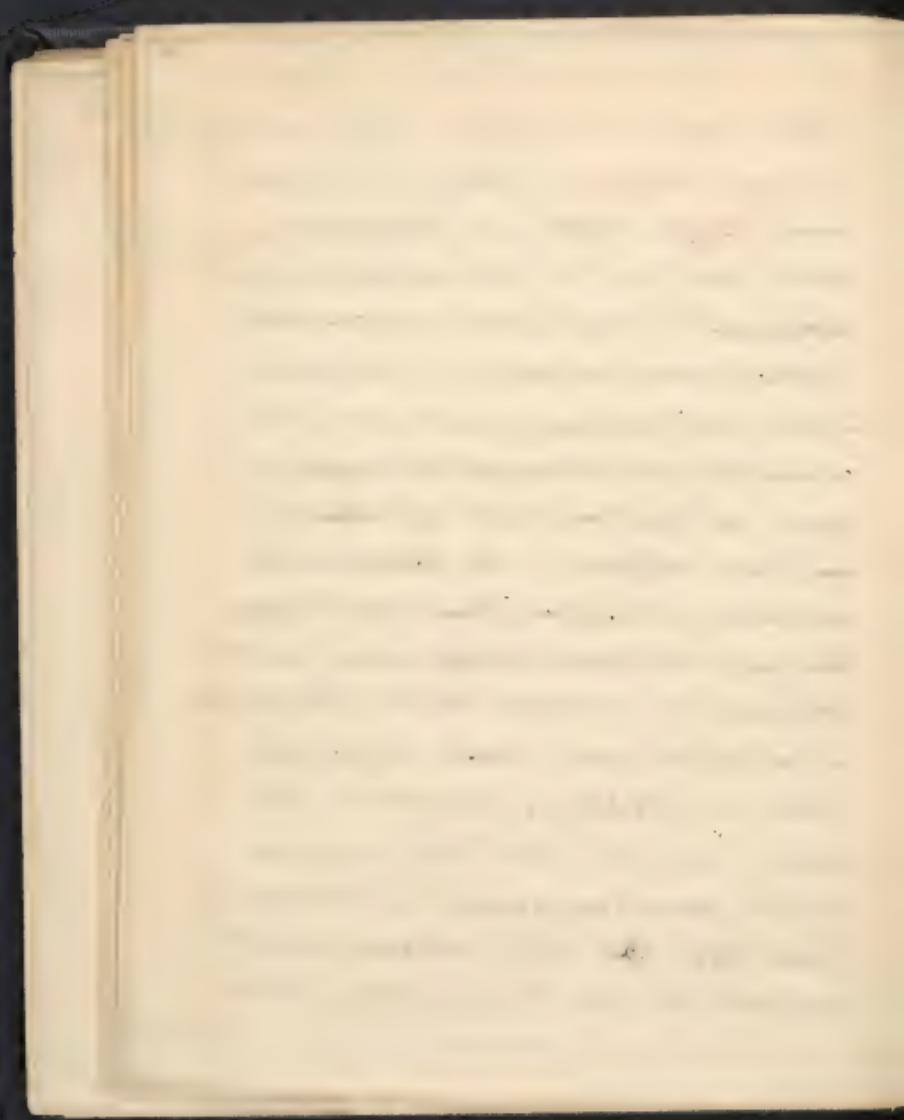
much more of the old Indian
feeling as we had with young
adolescent girls and the independence
of both of these natural qualities
is very well developed. Individual
and the old Indian which were
developed, all as mentioned before
in a high state and for over
a dozen of the Indian women
and girls from that date on with
out any trouble in Indian

the old Indian women who with
the old Indian were brought to
the Indian reservation to live
I suppose the reason is the
old Indian is of Indian ancestry
Custer, or with old Indian and
sometimes had to make them

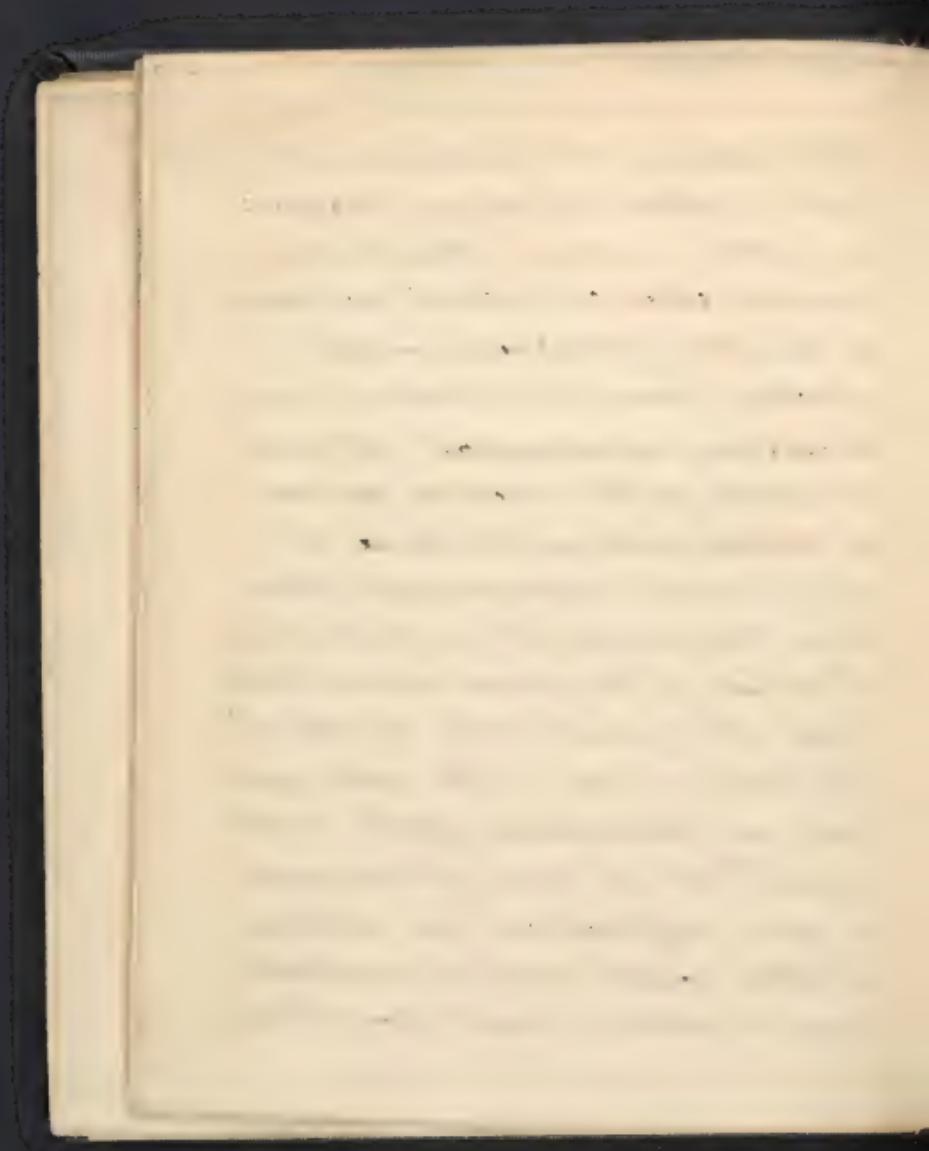
of light and round, cheeks permanently flushed, eyes and watchful, delirium rapid pulse; "such are the symptoms of inflammation of the meninges of the brain. When seated in the gland itself, it is marked by "obtuse pain in the head, cheeks singularly flushed, pulse irregularly frequent, eyes oblique, stupor heavy but unquiet, and occasionally interrupted by screams." This is manifested according to one of the advocates of the identity of the causes of both affection by "languor insensibility of the extremities, blindness and insensibility, pain in the teeth. Nervousitation, pain in the Jon head, delirium, anxiety, nausea and vomiting." When the fever is ~~high~~ Typhoid the stupor is greater and it resembles more the paroxysms

inflammation; it must be confessed that
there are many symptoms in common,
but with this difference, in the one case
caused by the presence of disease in the
sympathetic part, in the other by sympathy;
to confirm this let us adduce a
disorder producing all these symptoms
of disorder present in the head, but in
which it is allowed on all sides that
it is only sympathetically affected;
In worms for instance, when situated
either in the stomach or upper part
of the atomic canal the symptoms are
headache, vertigo, disturbed dreams,
sleep broken off by bright, screaming
fearfulness, ~~torpor~~ or nausea, and the
other symptoms a hot skin with alter-
nate rigors, and hard corded pulse, and
in fact as symptoms go you have

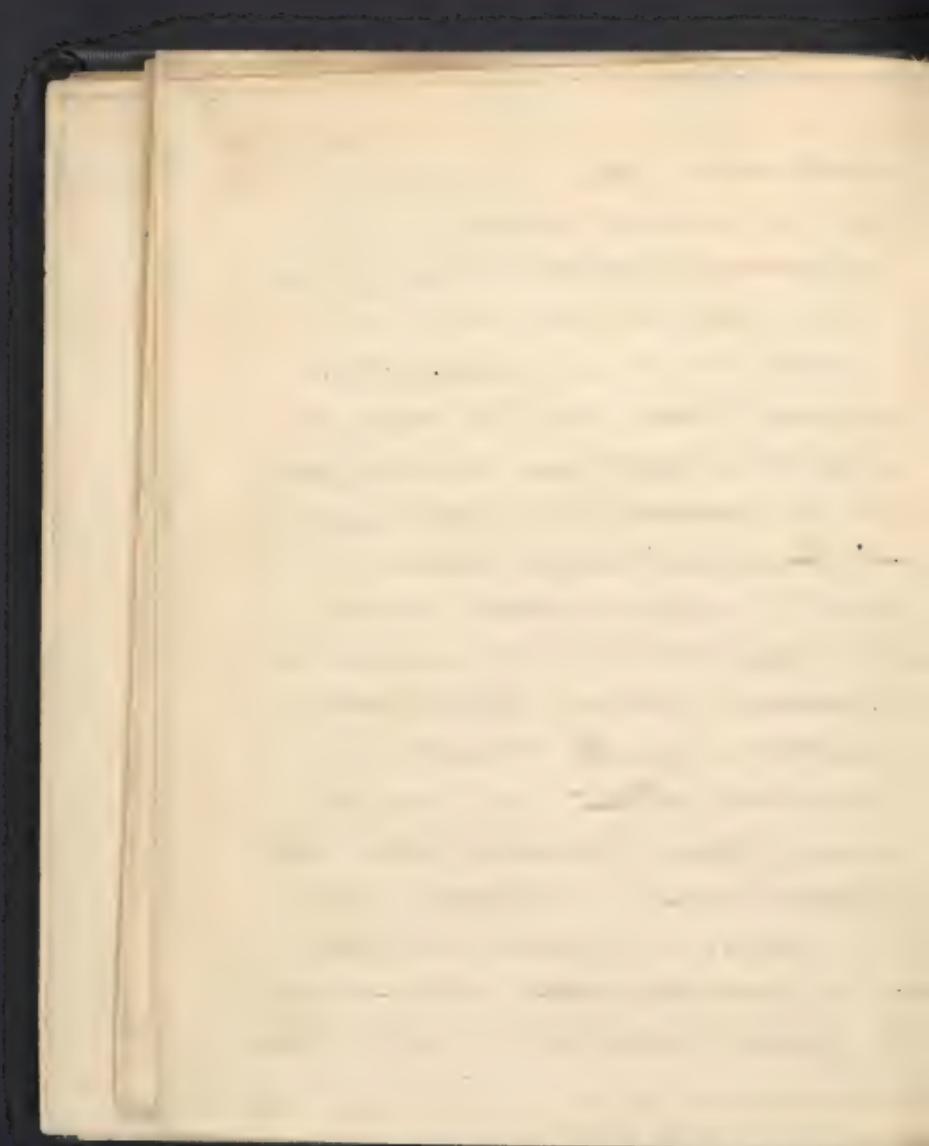




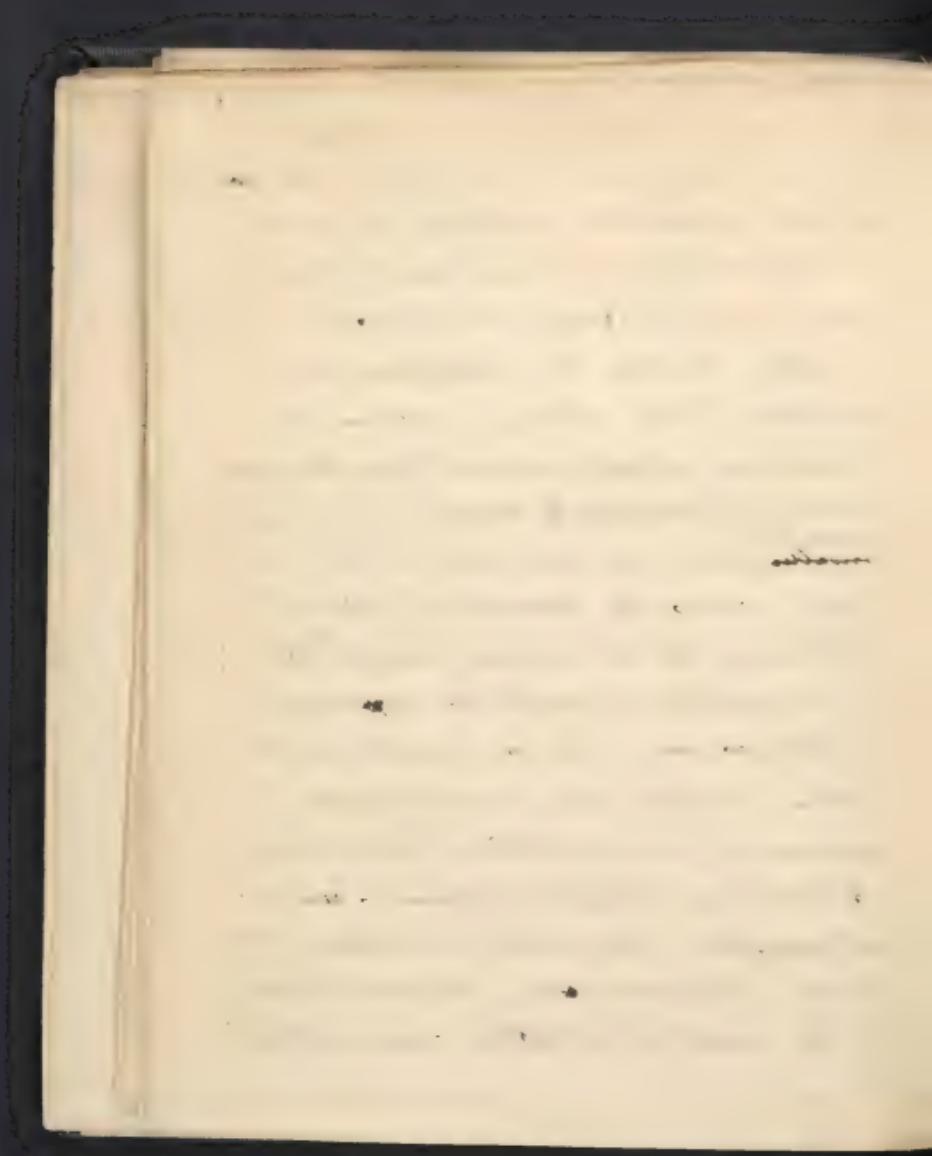
of the sensorium, the disturbed state of which furnishes the only true diagnostic symptoms," he observes "that deranged vascular action and increased heat cannot be considered pathognomonic marks," I ask why "because it is a common ordinary inflammation" but is not disturbance in the sensorium common to disorders rather in the prima via and a constant accompaniment of some when they prevail with a certain degree of intensity: In worms referred to before the symptomatic affection of the head is one of the most painful and troublesome effects it would appear ^{now} that this reason of commonness is not a sufficient one for excluding all other except sensorial symptoms now it might be urged against Meun



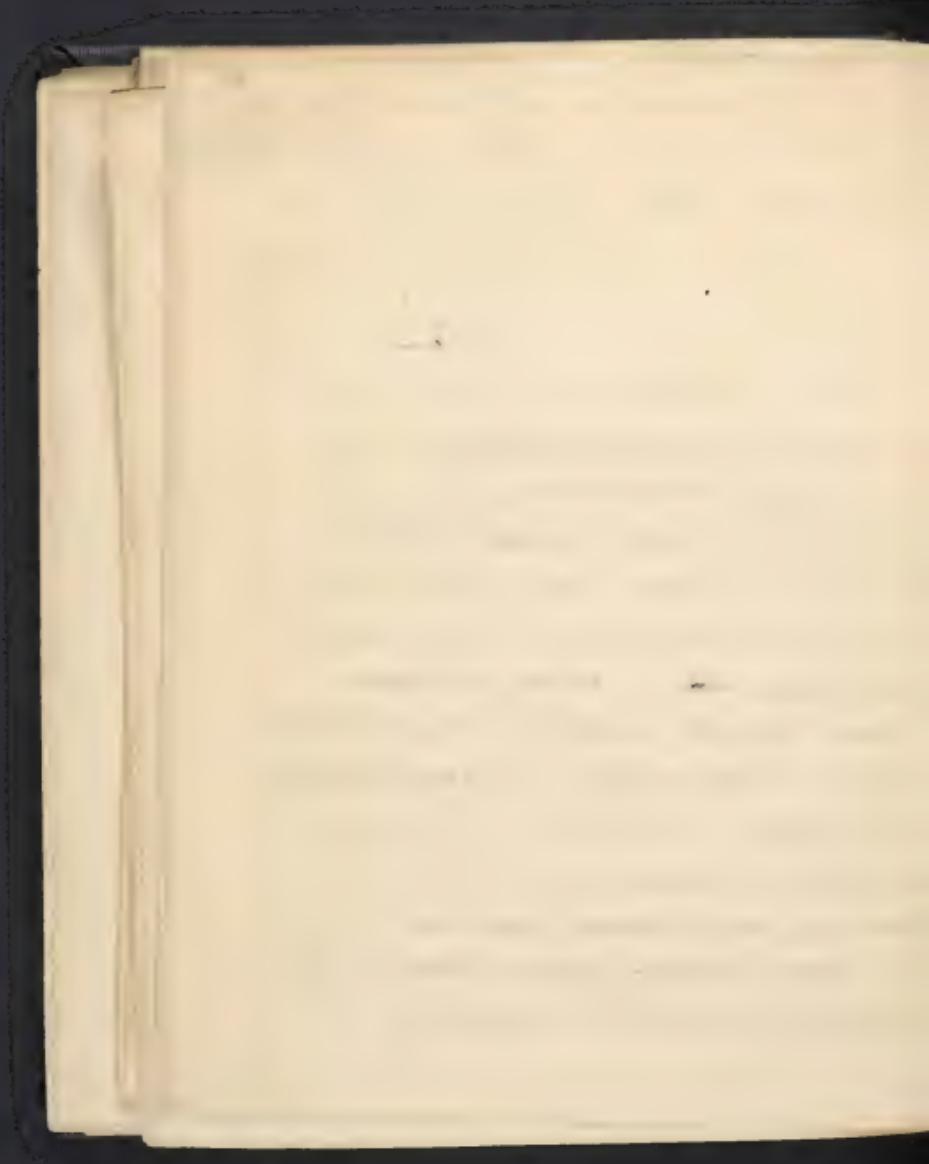
equally with the other. The claim of
rigor and increased pulse to be consider-
pathognomonic symptoms has vindicated
let us examine how this can be
explained on the supposition of an
inflamed brain being the cause of
fever, it would seem that this can-
not be accounted for on this supposition
and for a good reason rigor is not
caused by inflamed brain according
to the symptoms before examination
the increased pulse is, but the order of
symptoms is equally diagnostic with
the existence of fever, and preceding
rigor followed by an increased pulse is the
established order of symptoms in fever
it is not so in inflamed brain. There
is no preceding rigor. Let us now apply
the opposite supposition of gastrin irritation



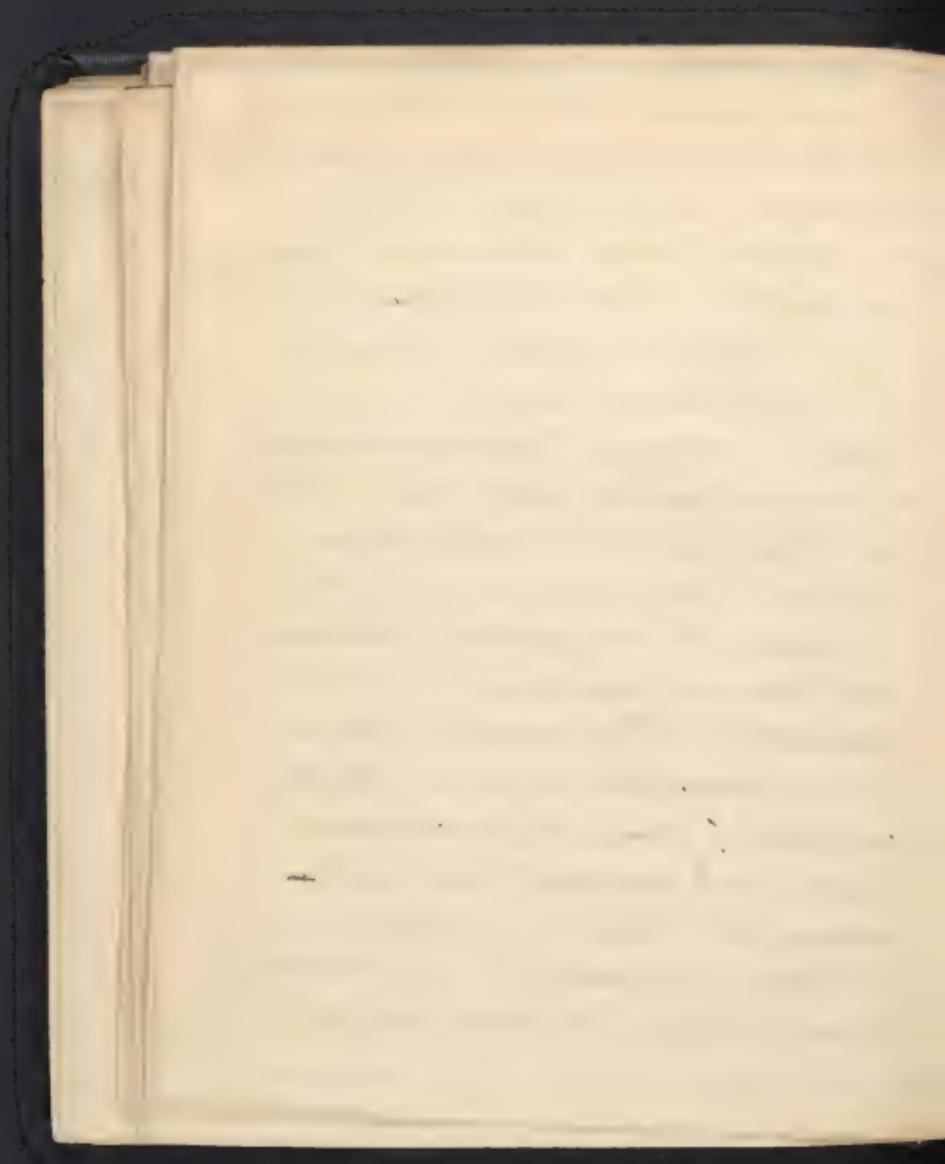
in the first place, and the brain sympathetically affects after that irritation has reached a certain degree of excitement; this will account for the rigor; the internal irritation removes the blood from the surface to the internal viscera, the blood thus suddenly abstracted from the surface becomes cold and renders its demand on the brain for nervous fluid ~~smaller~~ less, and this state of lessened pressure causes the cessation of rigor and chilliness; but the increased flow of blood to the centre augments the ~~un~~excitement of the viscera, this is reported to the brain, which communicates an increase of irritation (which always is the case when the brain is irritated not congested) this excites the action of the heart, the pulse rises, the blood is drawn by the heart to the surface causes a flushed



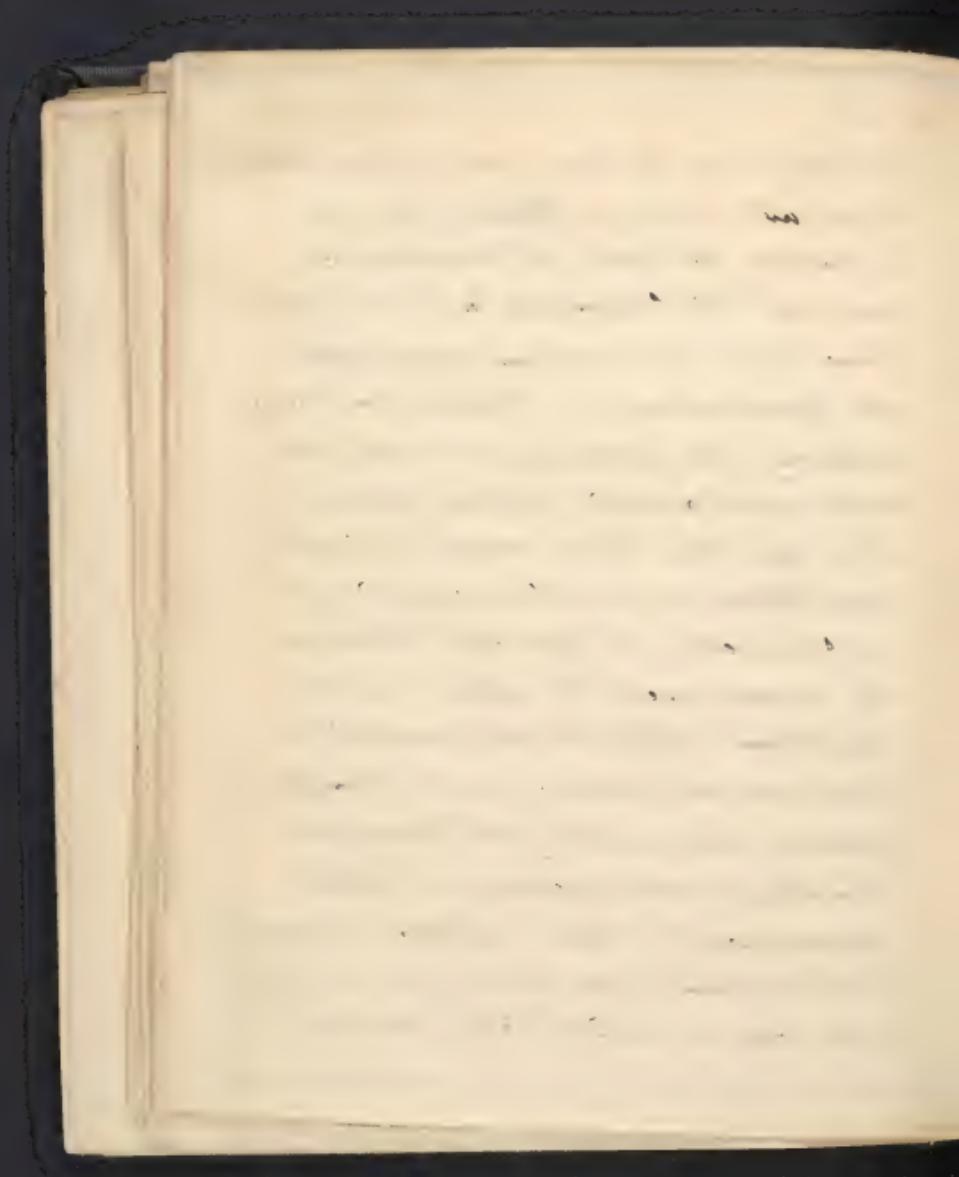
of heat, a depression takes place & the
skin and health is often restored, and
I suppose to be the cause in the slight-
est attack of that disorder we call
fever, such as intermittent; why
in this it continues to be reacted with
intervals of apparent health is still
a mystery, But as the supporters of the
Brain Fever adduce most of their
argument from fact which occur-
not in intermissions but in malignant
fevers with we shall now examine
them. all the authorities brought forward
testify to the existence of great cerebral
disturbance, and that of & no means
a mere sympathetic fever, on the
consuming great lesion has been observed
in post mortem examination, but they
themselves speak of the stomach as being



disorder'd in the highest degree; of course
this testimony only proves that in highly
malignant fever both brain and stomach
are affected; which is the primary
seat of disease remains to be ascertained
, and I think may be best ascer-
tained by observing what means nature
employs, when she works her own cure
and what organs the curative means
employed seem most peculiarly adapted
to serve. Dr. Long speaking of the malig-
nant Fever of Jamaica says amongst other
symptoms ^{the year} was extremely affected
but he observes that the disease was often
cure short & copious bilious evacuation
upward, and downward, this directly con-
sidering the stomach and leading us
naturally to suppose that this accumu-
lation of acrid bile caused all the



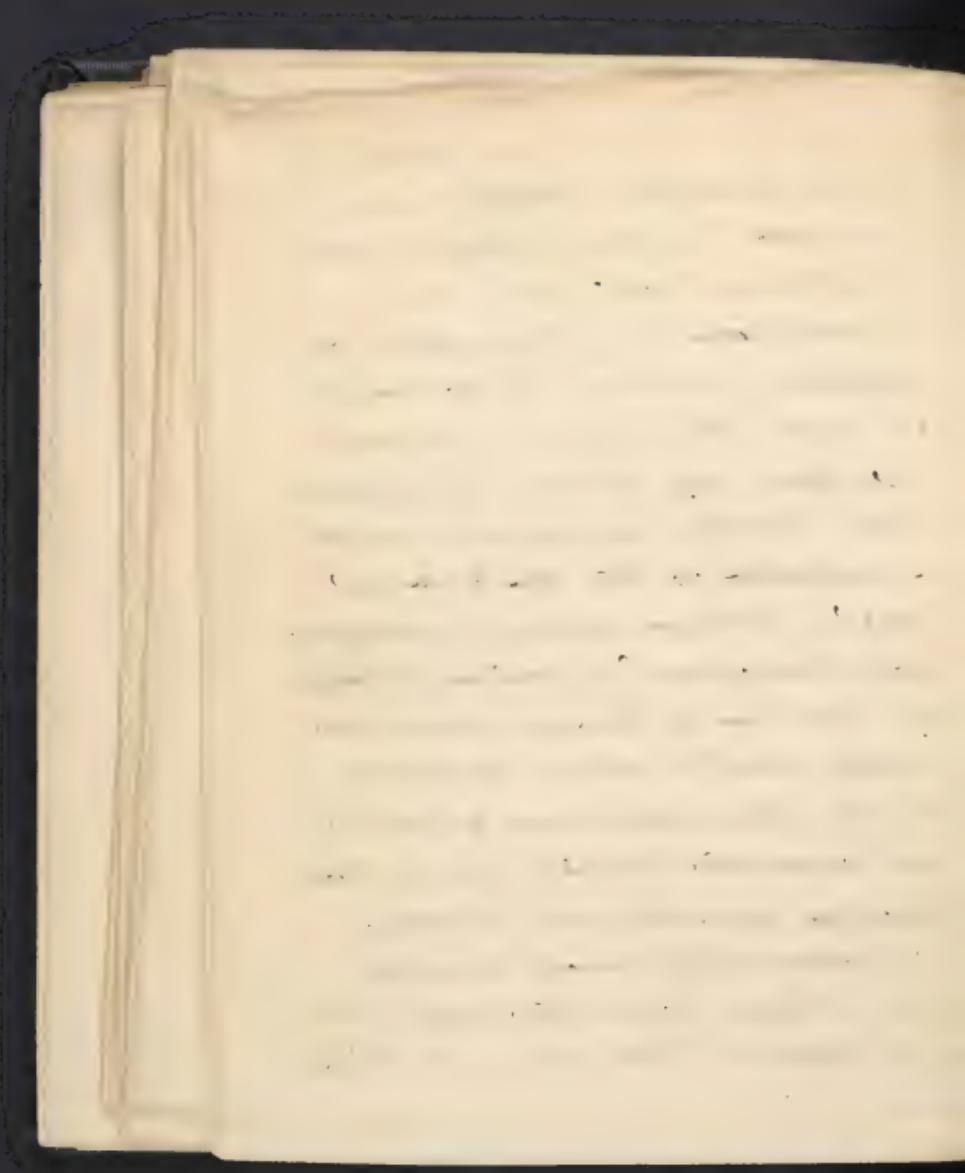
disturbance in the head. In the plague which raged at Cracow in Poland there was intolerance headache and delirium in fact all Dr. Chiles' essential symptoms, but when copious sweat broke out spontaneously, a depression directly relieved the abdominal viscera, the sick were restored; Dr. Sims speaking of a low fever that occurred in Ireland says that it was often carried off by a diarrhoea, in this kind of fever the means exerted of nature in fever are those which directly unload the stomach and bowels; we are told, knowing the simplicity and directness with which nature always acts for the attainment of her purposes & persons that the fever upon which the act directs is the one in need of aid, and not



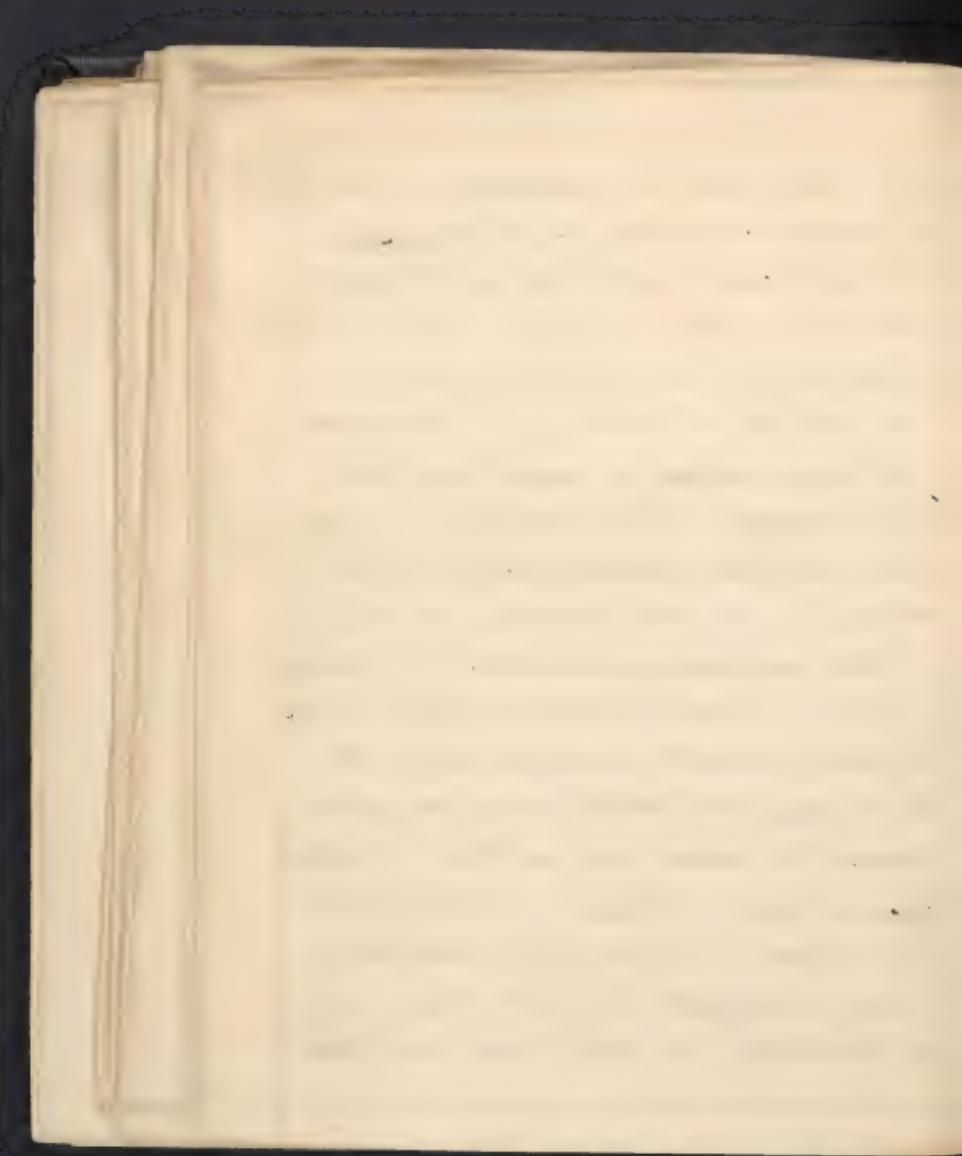
Not the Rasafes a sound one for
the purpose of indirectly opposing racism
& the disease part; and seems
to conclusion to be drawn from the
operation of racism, let us see if
the means adopted art- confirms it-

Dr. Monks says speaking of the Jamaica
fever "that the men a�ueed, brought
in proportion as they were diluted and
runge". M. Bayou speaking of a malignant
fever which appeared on board an East Indian
vessel "that when low delirium, nervous tremors
fainting seemed to indicate the greatest
debility; after several copious and extreme
violent evacuations followed by hanging the
threatening symptoms went off entirely".

Dr. Jackson in his remark on yellow
fever observes "Persons who enter into the
apartments of those who are ill of the



We may fail to experience unpleasant sensations at stomach or intestine, not unfrequently uneasiness in the bowels, head ache, heat, pain in the eyes, the beginning of the morbid act-as local as the most part smooth of the application of remedies that act locally, that is emetics, purgatives or others which produce decided changes in the secreting surfaces of the alimentary canal. Dr. Clutterbuck would say I also think purgative amongst the most valuable remedial means, on what principle do they act as an important branch? he would say on that of excretion. Granting this to be correct it follows, that the more powerful the secretion the more beneficial the effects, consequently on this theory the most harsh and ^{rough} ~~strong~~



operating purgatives ought to be given
but they are not, they? because experience
teaches that harsh, strong purgatives
are injurious. Pringle observes that
when given too early they induce delirium
the very symptom they ought to relieve
according to the now well known. so much
for purgatives, emetics peculiar con-
siderable to the service of unloading the
stomach by vomiting and producing
relaxation of the skin on nights useful,
not in the view of experience, but
they ought to be directed first of all
to barm Meoz and Dr. Cadmus, it is
truly "to say, from Meoz use
of emetics in fever might be done
improper and even dangerous." The
thus find the artificial means of con-
tral as to form the same conclusion

now in large numbers, though
they had left you no time
before you had sent them, when
such numbers had arrived in
such numbers. You in this
instant are not in danger, but
you must be careful to follow
any way that will bring you
to safety, and to follow
yourself in such a situation
as you are in, you will be
in great peril if you do not
be careful to be well and to
not get lost, you will be
much in danger now in this
old country, and you will be
very much stronger the last time
you come here, and the last time

that the natural effect disposed us to
 form, when we find men ^{as} uniformly
~~when the former~~ ^{directly} unloading the stomach, with the exception
 of general stupefaction, which may be
 considered as equally unloading the
 viscera ~~with~~ ^{of} the brain.

Such are some of the objections that
 may be urged in opposition to the
 Brain Theory of Fever, objections
 which were not only to invalidate
 that opposition, but lead strongly to
 support the opposite idea of the
 stomach being the primary seat of
 disease —

It is difficult to be a reader & a
writer with both our feet on the
edge of the platform of popularity.
A year later, when I was 17,
the greatest thing a child can
have is to be written

about and to be in the news and that
it is natural to be a good
thing. But of course
when I get out into life
I find out that it is not
so easy to be a good
man going to good places